

Children's Newspaper

Every Wednesday—Threepence

FOUNDED BY ARTHUR MEE

No. 1972, January 5, 1957

HURTLING INTO UNKNOWN SPACE

Preparing to launch the first man-made moon

With a shrieking roar, a huge silver rocket rose from its launching site in Florida, and soared into space.

As scientists checked its progress by radar and by radio transmissions from the rocket itself, the 42-foot rocket climbed higher and higher. Within ten minutes it had reached a speed of 4000 m.p.h. and a height of 125 miles, before diving into the Atlantic 180 miles away.

Brief though the flight was, writes our Air Correspondent, it was of great importance. It was the flight of the first test rocket of Project Vanguard—the U.S. scheme to launch an artificial satellite which, like the Moon, will keep on revolving round the Earth in its own orbit.

THE rocket which soared upwards over Florida was a prototype of the first stage or section of the Martin Vanguard, the 72-foot rocket designed to carry an artificial satellite on its journey into space.

The Vanguard itself will be a missile with three rocket sections to lift the satellite into its distant

miles the whole missile will start spinning. This will be to stop it from tumbling end-over-end through the almost airless void.

Once the electronic device has set the correct course the second rocket section, too, will fall away. The third rocket section will then boost the satellite to 18,000 m.p.h.—the speed needed to counteract the Earth's gravitational pull—before it in turn separates from the satellite.

BURNED BY FRICTION

(The first two rocket sections are designed to fall into the open sea. The third section, however, because of its tremendous speed, will continue on its path round the Earth until, gradually slowing down, it will spiral deeper into the Earth's atmosphere and be burned out by friction heating at a height of about 50 miles. The satellite, on the other hand, possibly made of the new heat-resisting alloys developed for turbine blades of jet engines, may descend to Earth intact.)

Set on its course in space only ten minutes after being shot from Earth, the tiny satellite will swing round in an elliptical orbit, its distance from Earth varying from about 300 to 1500 miles. It will take about 90 minutes to complete each journey round our globe.

Just how long the satellite will remain aloft depends on the density of the atmosphere at that height. It may revolve round the globe for only two weeks, but if conditions are favourable it may stay up for as long as a year.

But no matter how long it remains in space, the satellite will

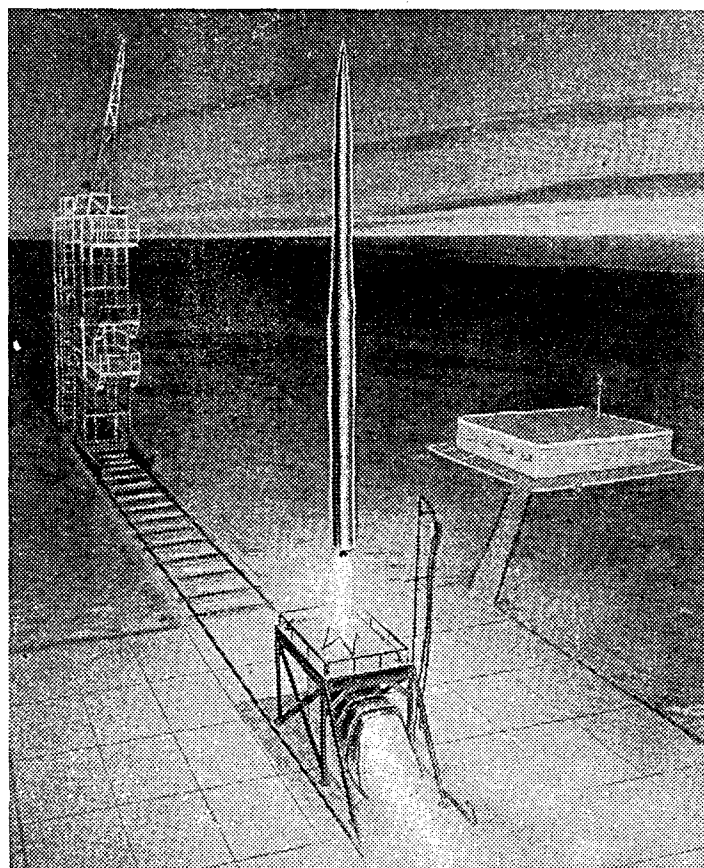
Continued on page 2



At work on the satellite

orbit, 300 miles above the Earth. The first will be in the base of the missile, and will be the most powerful of the three, for it will have to propel the whole assembly through the dense lower atmosphere.

When a height of between 30 to 40 miles and a speed of 3500 m.p.h. has been reached, this first rocket section will break loose. The second rocket section will then take over and accelerate the missile to about 11,000 m.p.h., while an electronic device guides it in the direction of the satellite's intended orbit. At a height of 300



An artist's impression of the scene when the Vanguard is launched

GRAND EIGHTEEN-PENNYWORTH OF FUN

Crowds of eager youngsters are once again sampling the joys of the National Schoolboys' Own Exhibition at the Horticultural Halls, Westminster. (Admission is 1s. 6d.)

As usual, the "have-a-go-yourself" stands are among the most popular. A new and highly imaginative one is the Lyons' stand at which there is a competition in shooting with an invisible ray at "space-ships attempting to land on the Earth." In this competition you are given a "ray-gun" and you aim at a space-ship appearing on a panorama. If you score a hit in the right place the vessel blows up in a brilliant flash of light. There are prizes for the smartest ray-gunners.

FOR ALL TASTES

Marksmen can also show their skill on a rocket range, and steersmen can show theirs in the radio-controlled boat race, manoeuvring miniature launches by means of a full-size steering-wheel beside the pool.

Railway enthusiasts can try their hands at marshalling wagons with a diesel engine in a little marshalling yard, and those whose fancy soars higher can "stooge round the stars" in a Link trainer.

Apart from things to do yourself, there is a bewildering array of fascinating things to see. Present

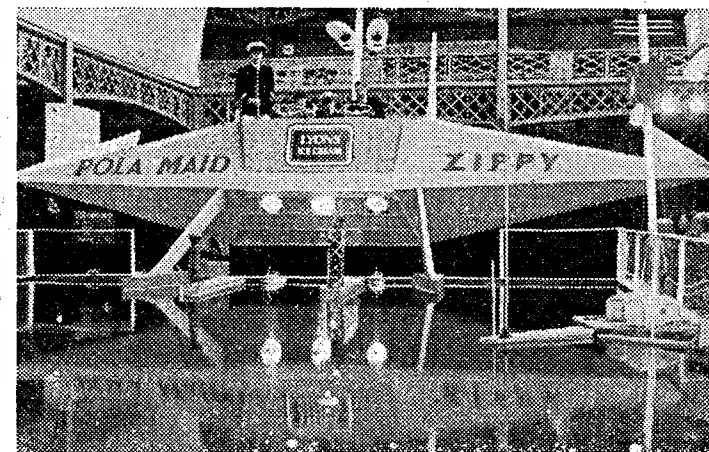
"in person" is Genevieve, the remarkable old car from the film, and in striking contrast is a guided missile, 18 feet high.

At the Royal Air Force stand a miniature Javelin takes off and lands while a running commentary is made, and excitement of a different sort is provided by the visits of famous R.A.F. Olympic Games sportsmen.

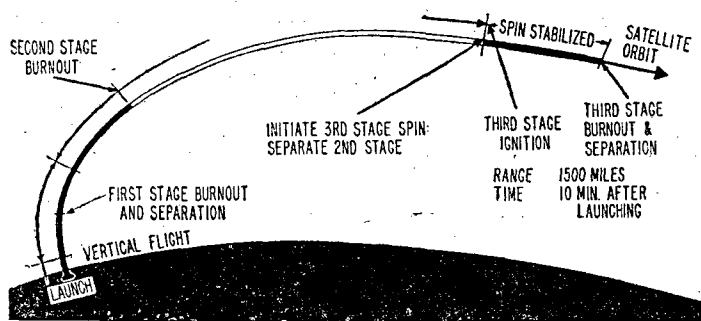
Models of many kinds are a fascinating feature of the Exhibition. Among them is one of the nuclear power station at Calder Hall, which is presented by The Daily Telegraph. Others repre-

sent diesel engines, turbo generators, and a supersonic wind tunnel. Future engineers will study these carefully, but most girls as well as boys will be interested in the demonstration of how a book is given its gold edge, the process being shown with real gold.

These and the many other wonders of this magnificent show will be seen by some 200,000 boys and girls. Well may the Schoolboys' Own Exhibition, open until January 18, claim to be "this country's best annual eighteen-pennyworth of fun."



Here you can try your hand at steering radio-controlled boats



The first stages of the satellite's voyage round the Earth

SAARLAND BECOMES PART OF GERMANY

By the CN Diplomatic Correspondent

Nestling against the frontiers of France, Germany, and Luxemburg is a little State called the Saarland. Rich in coal and iron, it covers an area of 965 square miles (roughly the same as Warwickshire) and has a population of about a million.

This little land, long the cause of discord between France and Germany, has now entered on a new and hopeful chapter in her history. From New Year's Day the Saarland becomes part of Germany for political purposes.

TORN by two great wars, Europe has been asking urgently this past ten years: "Can the ancient feud between France and Germany ever be ended?"

This question was posed more than once by Sir Winston Churchill. Like many other statesmen, he believes the answer lies in a united Europe; a Europe linked by the common needs of all its many peoples.

Hope dawned anew after the Second World War. Here, in the Saar Basin, French and Germans lived together. Could they be welded into a kind of "European" State? Could not the flag of Saarland—a white cross on a blue and red background—wave out as a symbol of European co-operation and common sense?

RECENT HISTORY

First of all, let us look at the recent history of the Saar. It was German when the First World War broke out in 1914. By the post-war Treaty of Versailles it was placed under French administration for 15 years, to compensate France for losses caused by the German occupation of her great coalfields.

Towards the end of this period, in Hitler days, a popular vote was taken. As a result it returned to Germany, and it was still German at the beginning of the Second World War in 1939.

Towards the end of that war, in March 1945, the Americans occupied the Saarland. After the sur-

render of Germany, it became part of the French-occupied zone, and so it remained until 1947, when it became a self-governing State in economic union with France.

Meanwhile, six European countries—France, Italy, West Germany, Belgium, the Netherlands, and Luxemburg—were moving towards economic union in what is called the Coal and Steel Community. The "united Europe" idea was revived.

A famous Dutchman, Mr. van der Groes van Naters, drew up a plan of "Europeanisation" and a common market—that is, the idea of pooling the products of various countries.

An offshoot of this idea was that Saarland should become "European." For if Europeanisation worked in one small part of the Continent, perhaps in time the whole of Europe would favour similar unity.

NO PEACE TREATY

This statesmanlike aim did not survive another popular vote in October 1955—this time, a referendum—in which the Saarlanders, by a two-thirds majority, rejected a Franco-German agreement. This would have given the Saar a European Statute within the framework of Western European Union, pending a German Peace Treaty which, nearly 12 years after the war, has not been achieved.

The New Year's Day agreement between France and Germany is

therefore a compromise. The Saarland goes back to Germany. It becomes a Land, or region, with representation in the Federal German Parliament.

But for three years, up to the end of 1959, French currency will continue to be used in the Saar, and there will be no Customs frontier with France.

At some stage, of course, the West German Deutschemark will take the place of the French franc. When that happens, French banknotes to the value of 40,000 million francs will be destroyed by Germany under common supervision, and will not be presented to France for exchange.

COAL AT COST PRICE

France relies a good deal on Saar coal and steel, the basis of the little State's wealth. For this reason arrangements have been made to ensure supplies of Saar coal to France over the next 25 years, some of it at cost price.

After the three-year period France will also be able to export some of her goods to the Saar, up to certain limits. French businesses in the Saar and Saar businesses in France will be considered as "national" and not as foreign concerns.

It remains to be seen how all these arrangements will work out. What is certain is that France and Germany are both anxious to live as good neighbours, and that the Saar agreement was signed in that spirit. It has meant concessions on both sides, and may yet prove to be a stepping stone to a United Europe.

BLESSING THE DOLLS

A lady whose mission in life is helping unfortunate children is Mrs. Agnes Brown of Fishponds, Bristol. For many years now she has been making dolls for them. Since 1940 she has made nearly 4500 from materials and odds and ends given to her by neighbours and friends.

Her latest batch went to a home for blind children after being blessed at a special service at St. Bede's Church. The blessing, Mrs. Brown points out, was not only for the dolls, but for the children receiving them, just as the blessing of children's pets in church is for the owners as well as for the animals themselves.

SOUVENIR SNOWSHOES

Travellers in the far north of Canada, in the Hudson Bay area and beyond, used to obtain Indian snowshoes as souvenirs. Now, however, the wheel has turned full circle, and it is the Indians that are seeking the showshoes of the white men.

A specially light, strong snowshoe made of magnesium has been designed for the use of troops in the far north. About half the weight of the traditional Indian wooden snowshoe, it does not warp, is durable, and proof against rot, corrosion and moisture.

News from Everywhere

Frozen fish fillets from England are in demand in America. A Hull firm has received an order for 300,000 dollars' worth.

A typewriter with a carriage three feet long, thought to be the longest in the country, has been produced at Chesterfield.

The Piccadilly Tube line recently celebrated its 50th anniversary. When it started it covered nine miles; now it runs for 37 miles.

Cat crossing



The pantomime cat (Jeanne Craig) is on her way to take part in this year's Dick Whittington at the Palace Theatre, London. So Idle Jack (George Formby) is seeing her safely across the road at a zebra crossing.

FOR SCHOOL LEAVERS

In the past three years nearly 1,500,000 school leavers were given advice by the National Youth Employment Council. Nearly half of these were found their first jobs.

According to an American survey, Britain will lead the world in atomic power production by 1960. Next will come the U.S., Russia, Czechoslovakia, and France.

GAS MINE

Britain's first gas-producing mine will be at Newman Spinney Colliery, on the borders of Yorkshire and Derbyshire. The coal will be turned to gas underground and then piped to the surface.

A firm of carpet manufacturers in Baghdad has ordered looms from a Barnsley firm. It is claimed that carpets made on the looms cannot be distinguished from those made by hand.

CANCELLED

The Monte Carlo Rally, which was to have been held at the end of this month, has been cancelled owing to the petrol shortage.

The people of the Gold Coast are to be officially known as Ghanians when their country becomes independent under the name of Ghana next March.

TV IN MADRID

Spain now has a regular television service operating in Madrid. At the moment there are about 1000 sets in the city.

HURTLING INTO UNKNOWN SPACE

Continued from page 1

be followed by the elaborate tracking operations carried out by all the nations taking part in the International Geophysical Year, which begins next July. For one of the most important functions of the first satellite will be to provide information about the density of the atmosphere—data which can be calculated from its height, speed, and duration of travel.

It is hoped, too, that its electronic devices will provide new details about the ionosphere—the electrified layers of the atmosphere which reflect radio waves. Its miniature radio will also transmit information on radiation and about infra-red radio waves, the amount of space dust, and the volume of meteor particles at various altitudes.

What will the satellite look like? Experiments are still being carried out, but it is likely to be a shimmering golden sphere 20 inches in

diameter and weighing 21½ lb., four-fifths of which will be accounted for by radar and electronic gear. Through the skin will protrude four aerials.

Experts think it possible that in certain parts of the world the satellite will be seen, reflecting sunlight at dawn and sunset, and that it may just be visible from Southern England with the aid of binoculars.

This first satellite, or man-made moon, is expected to be launched before the spring of 1958, and it is hoped that a further dozen will be put into the sky during the Geophysical Year, which will end in December 1958.

It is possible that Project Vanguard will answer hundreds of questions concerning the atmospheric conditions that effect our life on Earth. Certainly it will provide yet another stepping stone in Man's attempt to conquer outer space.

The OVALTINEYS'

Own Puzzle Corner

Do
you
know...

the answers to
these riddles?

1. Why is a TAIL like a F?
2. Is there any difference between LIVE and ALIVE?
3. What is always put on when wet?
4. Why can you always trust a with a secret?

OVALTINEYS are among the brightest and happiest of children. They know that 'Ovaltine' is a delicious, appetizing drink and make it a golden rule to drink this nourishing beverage every day. It is delightful with any meal and is a favourite bedtime drink with thousands of Ovaltineys. It helps to keep them strong and full of energy.

EVERY BOY AND GIRL SHOULD JOIN THE LEAGUE OF OVALTINEYS

Members of the League of Ovaltineys have great fun with the secret high-signs, signals and code. You can join the League and obtain your badge and the Official Rule Book (which also contains the words and music of the Ovaltiney songs) by sending a label from a tin of 'Ovaltine' with your full name, address and age to: THE CHIEF OVALTINEY (Dept. D), 42 Upper Grosvenor Street, London, W.1.

Turn this upside down to find the correct answers.

1. Because it is the end of beef.
2. A difference.
3. A coat of paint.
4. Because he always keeps dark.

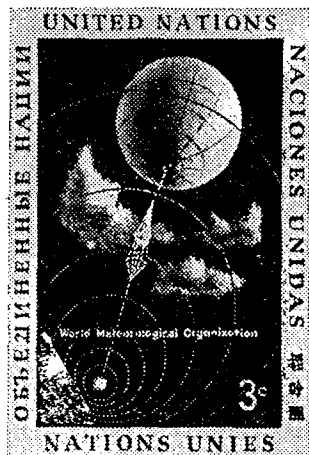
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STAMP NEWS

FRANCE plans to issue 45 new stamps this year. Among the first will be one in honour of pigeon fanciers. Another will commemorate the 200th anniversary of the city of Lyons.

A SINGLE value, as a tribute to those who have joined in the fight against polio, is to be issued by the United States this month.



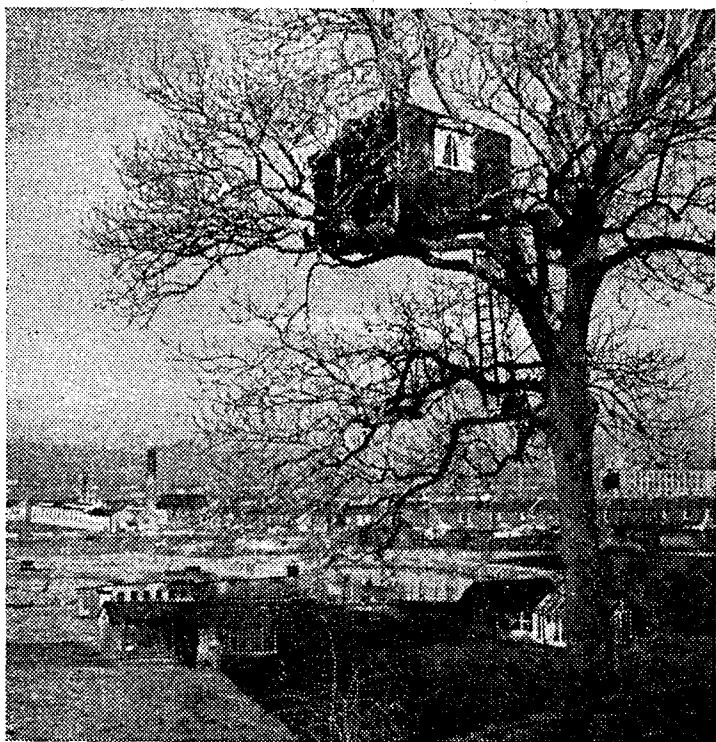
This is one of the pair of stamps which the United Nations will issue later this month in honour of the World Meteorological Organisation.

ITALIAN Somalia, which has just adopted a coat-of-arms, is expected to depict them on a five-value set.

CEYLON celebrates her stamp centenary soon, and she will have four new stamps to mark the occasion.

SMALLEST MINER

Sixteen-year-old Philip MacAndrew, who works at Allerton Bywater Colliery, in Yorkshire, is thought to be Britain's smallest miner. He is only four feet tall and weighs six stone.



Home is where you make it

In order to win their Backwoodsman badges five Scouts of the St. Andrew's troop have built themselves a hut in an ash tree overlooking Blackburn. And this home from home is complete with both sleeping and cooking accommodation.

PETS GALORE

What is claimed to be the world's largest display of pet birds and fish will be seen at the National Exhibition of Cage Birds and Aquaria, which is being held in Olympia, London, on January 10, 11, and 12.

More than 7000 canaries, budgerigars, and other birds, as well as British and foreign fish, will come before 57 judges to compete for over £1500 in prize money and trophies.

Young people up to the age of 18 will again have a section to themselves, sponsored by the Junior Bird League.

For those with an unusual taste in pets there will be a section containing alligators, snakes, crocodiles, and other reptiles.

SCOTTISH PIPES FOR THE IRISH

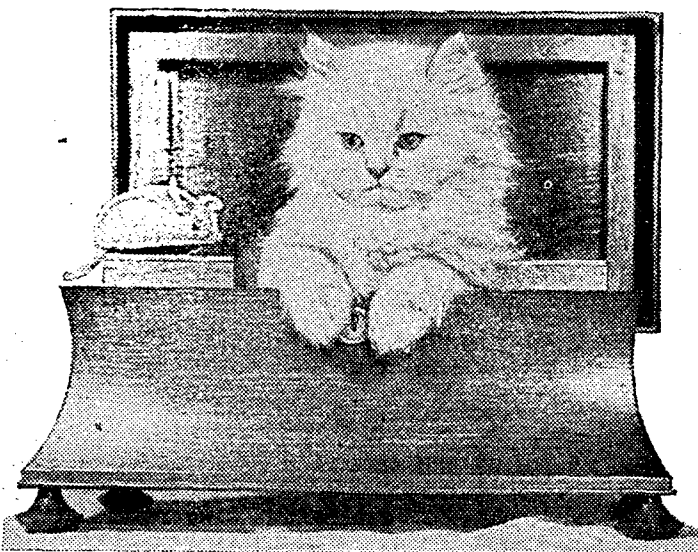
The Irish National Society in Christchurch, New Zealand, is to have its own band of pipers. But they will use Scottish not Irish pipes.

The band, the first of its kind in New Zealand, decided that the Scottish pipe, with its one base drone and two tenor drones, has a better tone for their purpose than the Irish pipe with only one tenor drone.

FISH FROM THE AIR

A New Zealand airman flew from Rotorua the other day with 110,000 trout fry—tiny trout about an inch long—and dropped them all without much of a splash in Lake Waingata, about 250 miles away.

Swimming in about 200 gallons of water from the lake at Rotorua, the fish were carried in the hopper of the aircraft. The pilot pressed a lever, the doors opened, and out dropped the tiny trout to make a happy landing, so to speak.



Cat in a casket

Though still young, Alphonse is already a show cat. He belongs to Mrs. K. Aitken of Banstead, Surrey, who has over 500 prizes for cats to her credit. No doubt a Persian kitten of such promise as Alphonse needs to think over his future very carefully.

GENUINE ARTICLE

Most of us know that a hall-mark is the tiny stamp on gold and silver articles. It is a mark guaranteeing the quality of the metal, and it is only stamped after samples have been chemically analysed.

The Science Museum in London now has an exhibit showing how hall-marking is done. Presented by the Goldsmiths' Company, it shows, first, a gold watch case and a silver tankard, unpolished as when sent in for testing. Next is shown the process of shaving off small samples. This is followed by a description of the assay, or chemical analysis, and then comes the stamping of the hall-mark itself.

These tests are made at one of six assay offices; London, Birmingham, Chester, Sheffield, Edinburgh, and Glasgow. Each has its own special mark, and the oldest office is London's.

CHRISTMAS PRIZES

Boxes of Crackers for their entries in C.N. Competition No. 3 were awarded to Jennifer Allen, Linby; Christopher Bird, Craven Arms; Roland Bufton, Liverpool; Colin Bye, West Bromwich; Eileen Carrigan, Berwick-on-Tweed; Irene Chalmers, Edinburgh; Rosemary Crockett, Londonderry; Jennifer Darby, Bristol; Richard Hodges, Gloucester; Robert Jennings, Gloucester; Betty Jones, Nottingham; Valerie Mettrick, Huddersfield; David Mulvagh, Sligo; Anne Nottage, Rochester; Kenneth Pearson, Edinburgh; Wendy Porter, London, W.13; Alan Prince, Bolton; Robert Pritt, Blackpool; Denis Shernilt, Stoke-on-Trent; Dinah Smith, Loughborough; Valerie Smith, Beckenham; Yvonne Syndercombe, Sutton; Christopher Ward, Southend-on-Sea; Linda Webster, Radcliffe; and Sylvia Wells, Nottingham.

These prizes were sent off to reach the winners before Christmas.

Solution: Flock of Sheep; Herd of Bison; School of Whales; Span of Oxen; Troop of Monkeys; Gaggles of Geese; Pride of Lions; Covey of Partridges.

DOGS ON THE FARM

All dog-lovers will be interested in a young farmers' booklet called *Farm Dogs*, by S. M. Nathan (Evans Brothers, 2s. 6d.). Profusely illustrated, it describes the different kinds of sheepdogs and cattle dogs, and gives valuable advice on buying, breeding, training, and taking care of them.

The author gives a brief account of the part played by these animals in former times. One amusing story concerns an out-of-the-way Sutherland community who used to take their dogs to church. They would sit quietly until their masters rose for the final blessing, when they would start scampering out.

The congregation decided that services must end more decorously, and a visiting clergyman was surprised to see everyone remain seated before the blessing. He hesitated until an old shepherd hissed: "We're a' sitting to cheat the dowgs."

Before you go
back to school—

come to Harrods and hear the "Young Idea Talks" on The Adventure of Modern Science. Each lecturer will give interesting practical demonstrations.

Tuesday 8th January
Dr. D. C. Martin, of the Royal Society, talks about the International Geophysical Year.

Wednesday 9th January
Professor J. Rotblat, D.F.C., talks on "Splitting the Atom."

Thursday 10th January
Dr. H. Gwynne Vevors, M.B.E., talks on "Animal Life in the Sea."
2.45 p.m. Music Room, Second Floor.

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RADIO AND TV

EIGHT HANDS IN HARMONY

Young musicians in the picture

FOUR grand pianos are being lined up in Lime Grove Studio E for this Thursday's star concert by young performers in Children's Television. Producer John Hunter Blair tells me they will be needed for the Bach-Vivaldi concerto for four pianos which four young recitalists will play with the Royal Philharmonic Orchestra conducted by Eric Robinson. One of the players will be Hillary Du Pré, who has already given piano solos on television.



Atarah Bentovim

Among the singers will be 13-year-old Graham Saunders from the Tiffin Boys' School, Kingston-on-Thames, Surrey, who is a

chorister at the Chapel Royal, Hampton Court Palace. Graham, you may remember, took the leading part of the crippled shepherd boy in the Christmas 1955 production of the TV opera Amahl and the Night Visitors by Gian-Carlo Menotti.

Sixteen-year-old Atarah Bentovim of Ealing, London, will be heard in a flute concerto with the orchestra. A flautist of rare talent, Atarah began by playing the recorder at her school in Notting Hill; when she changed to the flute she soon won a Junior Exhibition at the Royal Academy of Music. She also plays the piano and the cello, but the flute is her favourite instrument.

How the blazer got its name

YOU probably wear a blazer, but do you know how this garment got its name? Douglas Duff, ex-sailor and well-known broadcaster, will tell us in a new Children's Hour series of talks starting this Friday.

It would appear that more than a hundred years ago, when there was no set uniform for sailors in the Navy, Captain J. W. Washington made his men smarter than the rest by dressing them in blue-and-white striped jackets. His ship was H.M.S. Blazer and the jackets were soon named after it.

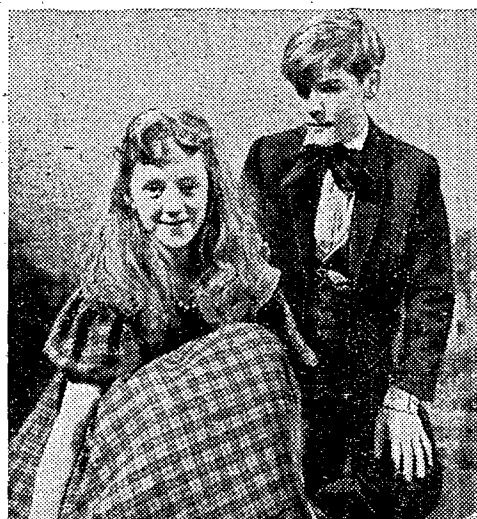
Salt on the Tongue is the title of Douglas Duff's series. Among other expressions he will explain are Flogging a Dead Horse, Nipper (meaning a youngster), and Letting the Cat out of the Bag.

Channel adventure

ODD goings-on in the English Channel are the theme of The Man on the Cliff in BBC Children's TV next Tuesday. When I talked about the play to Producer Barbara Hammond she was still looking for two boy actors, aged 12 and 15, for the parts of two friends who suspect that mysterious vessels seen off the English south coast are up to no good. The author is Michael Raper, a well-known writer for sound radio.

Return of David Copperfield

IT is good news for young viewers, and I should imagine a good many grown-ups, too, that the David Copperfield serial in BBC Television is to be repeated in tele-recordings on Friday afternoons in Children's TV, starting on January 4.



Little Emily and David Copperfield

The first four instalments, by the way, will give viewers a chance to renew acquaintance with 15-year-old Leonard Cracknell of Hornchurch, Essex, who was interviewed for CN a few months ago. He plays Copperfield as a boy, but was not seen in the story after Copperfield grew up about the end of October. Patricia Roots is Little Emily.

Producer Douglas Allen told me the other day that his only regret was that so much had to be cut out of the Dickens novel to fit it into 13 weeks. "We could have run it easily for 28 instalments," he said.

Since the serial ended the BBC has had reports that book-sellers and lending libraries are finding it difficult to supply enough copies of David Copperfield.

Birds on the wing

SOME birds can take off almost vertically like a modern interceptor plane. This is one of the things we can see for ourselves in this Thursday's edition of Look, in BBC Children's Television, and no bird-lover should miss it, for it is a version made specially for young viewers.

Birds' flights will be demonstrated in still pictures and film by John Barlee, a schoolmaster who has built up a considerable reputation as an excellent bird photographer.

Birds differ as much as athletes in speed and endurance. Some are sprinters, others are better at marathon flights. Mr. Barlee's pictures will show that, whereas the pheasant can work up to surprising speeds over short distances, the bird for long-sustained flight is the albatross. Taking off is quite an effort for some species, and they have to get up speed on the ground first of all in much the same way as an aircraft does on a runway.

The programme will be introduced by James Fisher.

ERNEST THOMSON



Ginger takes it easy

Two years ago Ginger the monkey arrived unannounced at a farm at Woodmancote, Sussex. Since then he has gradually made friends with the cows and spends most of his time with them. He has known some of them since they were calves.

FREE-FOR-ALL FOOTBALL

At Haxey, a little market town in the Isle of Axholme, Lincolnshire, a custom called Haxey Hood, believed to be 600 years old, is traditionally celebrated on January 6. Sometimes known as "Throwing the Hood," it is a kind of free-for-all football, played by the men of Haxey and the neighbouring parish of Westwoodside.

The "Lord of the Hood," who captains the game, wears a red coat and flower-wreathed hat, and carries a wand of thirteen willows tied with thirteen willow bands. He is supported by a team of twelve men called "boggins" or "boggans" and a "Fool" dressed in motley and carrying a bladder on a stick.

These go in procession to the market cross, where the Fool invites all comers to join the game and proclaims the reward for the player who captures the "hood."

This "hood" is a piece of sackcloth tied up in a bundle. The game is played very vigorously in a nearby field, the Lord of the Hood and his team trying to prevent the hood from leaving the field and the rest of the players trying to capture it.

Tradition has it that the game originated in a struggle for the possession of a hood lost by a former Lady Mowbray. The arms of the Mowbray family are carved on the market cross.

ENGLISH OAKS FOR OLYMPIC GROVE

Thirty sapling oak trees are being flown from England to Melbourne to form an oak grove commemorating the holding of the first Olympic Games in Australasia. The first sapling was flown out in advance and presented to the Lord Mayor of Melbourne before Christmas.

ONLY BOY ON THE ISLAND

Twelve-year-old Wayland Smith considers himself very lucky indeed. He is the only boy living on Lundy Island, at the mouth of the Bristol Channel.

With Wayland on this long, narrow island of granite live six light-housekeepers, twelve other grown-ups and his 15-year-old sister Jane. (The original Wayland Smith was a famous character of Saxon folk-lore.)

Wayland and Jane are the most recent arrivals on Lundy, having left South Wales with their parents in March 1956. Mr. and Mrs. Smith used to live here before the war, and were married in the island's striking-looking church of St. Helen's. While Mr. Smith helps to run the hotel and general store, and maintain the buildings on Lundy, Mrs. Smith takes charge of her son's education. She was a governess on the island until her marriage.

Wayland cannot think of anywhere he would prefer to live. In summer he gets up at 7 a.m. to help feed the pigs, and after lessons and in the holidays he goes swimming or fishing for mackerel and pollock. He does not miss the buses and trains of the mainland, but he admits he is sometimes rather scared of the stormy weather, when wind and sea do their best to wash away the island.

But altogether, to use his own words, "Lundy is smashing!"



Wayland Smith (right) with two summer visitors

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Stoke-on-Trent



CHEMISTRY

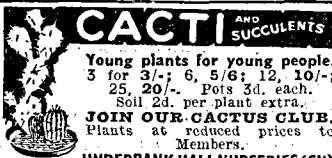
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BEFORE THE BALLOON GOES UP



"I do hope it won't burst!"

Hanging up as decorations, and knocked about until they go off with a bang, toy balloons are a traditional part of the Christmas season's festivities. But we doubt if many of our readers know how they are made; and to get the facts right we arranged for a CN correspondent to visit the world's biggest balloon factory.

EVERY week throughout the year 2½ million toy balloons are made at the Ariel factory in North

when inflated. The other standard shape is the airship, which is made in three sizes; and then, of course, there are the spirals, snakes, animal shapes, and so on, which vary from year to year.

All kinds are made on metal formers (the technical name for the shapes or moulds) which are dipped slowly into liquid latex, or rubber, and immersed for some seconds. The timing, as well as the rate at which the formers are withdrawn, is important. It decides the amount of latex that will be left clinging like a glove on the former, and thus affects the thickness of the rubber and the elasticity of the balloon.

The last process before the latex is striped off the former is the making of what is called the bead. About three-quarters of an inch of rubber at the open end of the balloon is rolled up into a solid ring to form the end of the tube and to keep it open when it is blown up. It is this solid ring which is known as the bead, and its purpose can easily be seen by trying to blow up a balloon with that bead cut off.

PUTTING ON THE PICTURE

Balloons which are to carry pictures of Father Christmas, animal characters, or perhaps Davy Crockett, are next taken to the printing shop. Here they are blown up on a jet of compressed air and stamped with the picture.

Once a balloon has been blown up it is likely to stretch and lose its shape. When deflated, the rubber may look puckered and wizened, but this can be cured by slight warmth. Therefore, before being finally weighed for packing—a gross of the small penny ones weighs half a pound—the balloons pass through a drum revolving over gentle heat to make sure they are in good shape when they leave.

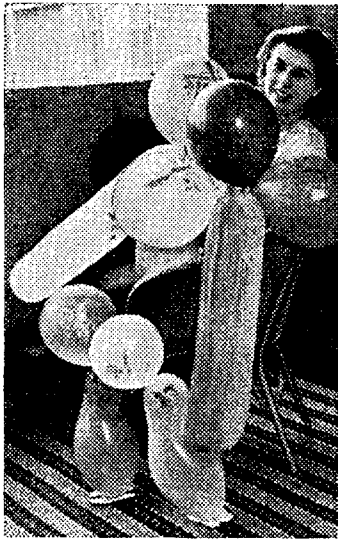
London (he writes), and most of them are used in the twelve days of Christmas.

There is a small demand at other times of the year for balloons with advertising slogans, and also for marathon balloon races at charity fêtes. Filled with hydrogen, these float away with the name and address of the sender on a label attached. Last summer one of them crossed the North Sea and landed on the other side of the Iron Curtain.

MOST POPULAR

(A good tip, by the way, in entering these races, is to see that the balloon is only partly inflated—just sufficient to lift the label. This leaves plenty of room for expansion when the balloon reaches the upper air where the atmospheric pressure is reduced.)

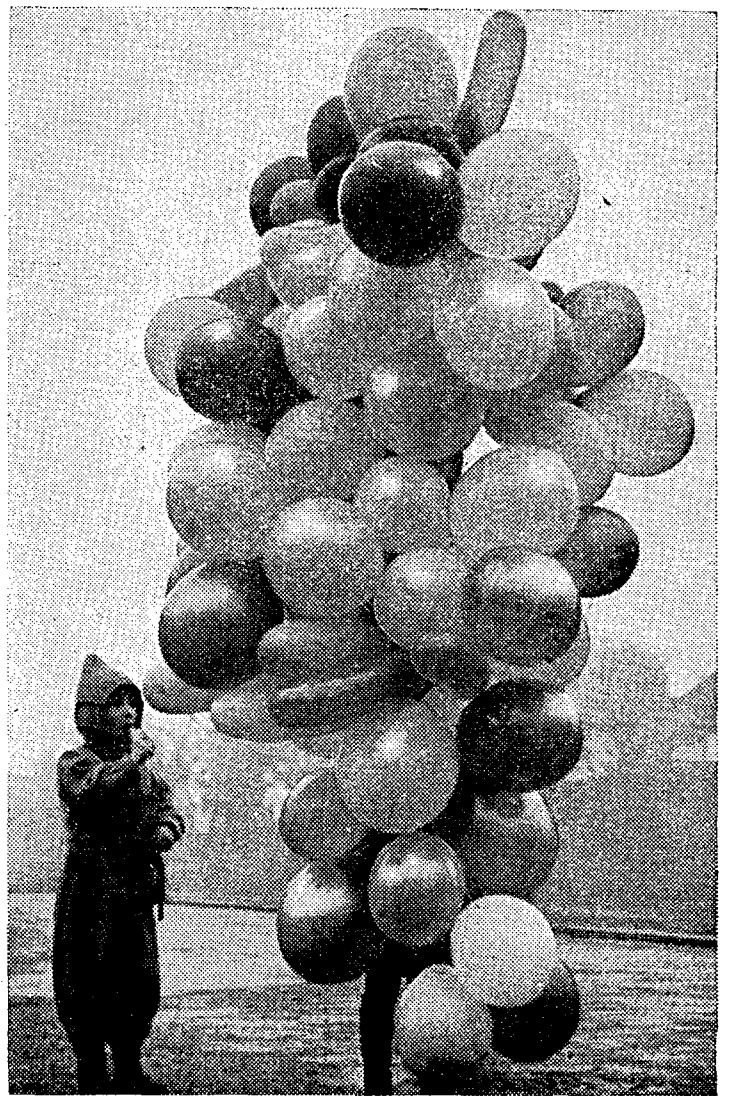
Balloons are made in many different shapes and sizes. The round balloons are by far the most popular and range in sizes from six-inch to thirty-inch diameter



All shapes and sizes



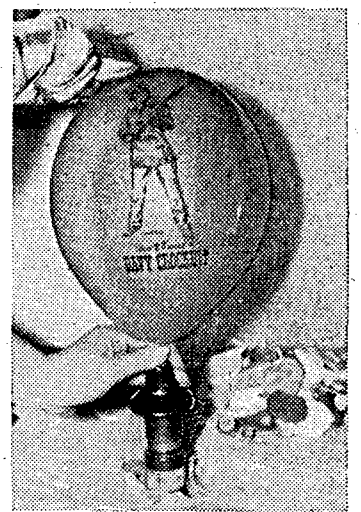
Any party will go "with a bang" when there are plenty of balloons about



"Ooh, what a lot of balloons. But where is the seller?"

A special balloon pump, like a cardboard insecticide spray, has been made for those who find difficulty in blowing up balloons. Most boys and girls have plenty of "puff" to spare for the job, and find that it is largely a knack, but they may like to know that the recommended way is to fill the mouth with air and then blow, rather than blow direct from the lungs.

Knotting the neck of the balloon is a more satisfactory method of sealing off the air than tying with string. A slight loss of air through the porous rubber skin is inevitable, however, so it is impossible to keep a balloon up indefinitely.



Last test in the factory



Stamping a funny face on a party balloon

Children's Newspaper

John Carpenter House
Whitefriars . London . EC4

JANUARY 5 1957

THE CN WISHES ALL
ITS READERS
A HAPPY NEW YEAR

BRAVE NEW YEAR

*Yesterday is but a dream,
tomorrow only a vision. But
today well lived makes every
yesterday a dream of happi-
ness, and every tomorrow a
vision of hope.*

WE have just crossed the threshold of 1957, and the time-honoured wish of A Happy New Year is in all our hearts. But good wishes are not enough; we now have to translate them into good deeds that will help to make this a Happy New Year for everyone around us. Good wishes, like New Year resolutions, fade into sad nothings if not acted upon.

Before us stretch twelve fresh months in which to strive to be what in our best moments we all dream of being; twelve months in which to help others; twelve months filled with opportunities to be grasped; twelve months in which to "fill the unforgiving minute with sixty seconds' worth of distance run," as Kipling wrote.

Those twelve months represent the challenge that every New Year brings. Let us go to meet that challenge with those New Year wishes in our hearts all the time.

HOW TO MAKE A BIBLICAL CAKE

ONE of our national newspapers recently printed this recipe for a "Biblical cake." It came from one of their readers and we think that many of our own readers may like to try it for themselves.

- 1 lb. Kings, Chapter 4, Verse 22, Book I.
- 6 oz. Judges, Chapter 5, Verse 25.
- 6 oz. Jeremiah, Chapter 6, Verse 20.
- 8 oz. Samuel, Chapter 30, Verse 12, Book I.
- 6 oz. Nahum, Chapter 3, Verse 12.
- 2 oz. Numbers, Chapter 17, Verse 8.
- 2 spoonfuls Samuel, Chapter 14, Verse 25, Book I.
- 1 spoonful Chronicles, Chapter 9, Verse 9, Book II.
- 1 cup Judges, Chapter 4, Verse 19.
- 3 St. Luke, Chapter 11, Verse 12.
- 1 pinch Genesis, Chapter 19, Verse 26.

Thirty Years Ago

From the Children's Newspaper,
January 8, 1927

THE engineers of the great Pennsylvania Railway in America recently made a new kind of speed record when they had to replace an old bridge on one of the main lines.

The new bridge, which was a 200-ton steel structure, was assembled alongside the old one, and one day just after an express train passed the original bridge was quickly ripped out and the new one slipped in.

The work was actually finished in ten minutes, and another train passed over the new bridge twelve minutes after the express had crossed the old one.

Fifty years without an accident

A NEW ZEALAND motorist who has not had an accident in 50 years of driving is Mr. W. F. Cleaver, of New Plymouth. He has never even had to take a car to a garage to have a mudguard repaired.

He explains his record quite simply. "I drive carefully all the time," he says.

Undented and unscratched, Mr. Cleaver provides the complete answer to those drivers who claim: "It was all the other fellow's fault."

Winning smile



Having won the Middlesex Junior Golf Championship, Mary Holmes of Muswell Hill has also gained first prize for advanced English in the national examination of the Royal Society of Arts.

JUST AN IDEA

As Marcus Aurelius wrote: Our anger and impatience often prove more mischievous than the things about which we are angry and impatient.

THEY SAY...

AT school I thought that sport was a good way of getting out of some work, or else it was a way of giving masters a rest.

The Duke of Edinburgh,
at Auckland, New Zealand

I LOOK forward to the day when every child who rides a cycle on the road will have passed a test.

Minister of Transport
and Civil Aviation

IT would make for greater civic pride and unity if the people of a town could live, work, and play together as a community.

Elevenes, the monthly magazine
of the Ealing and District Y.H.A.

THE advance of civilisation is measured by the extent to which we have followed Christ's Teachings; the tragedy of civilisation is measured by our failure to follow His Teachings.

Sir Beverly Baxter
in Everybody's Weekly

QUIZ CORNER

1. There were riots in Poznan last year. Where is Poznan?
2. Where were the equestrian events of the 1956 Olympics held?
3. President Eisenhower has been re-elected for another term of office. Who is the vice-President?
4. Mr. Donald Campbell set up a new water speed record last year. Where?
5. How long is the Suez Canal and in what direction does it run?
6. A new kind of savings certificate has been introduced. What is it called?

Answers on page 12

Think on These Things

THE trouble with New Year resolutions is that they are as likely to disappear as the early morning dew before the sun. Our intentions are good, but somehow or other we do not persevere in carrying them out.

Jesus criticised the Pharisees, the most religious people among the Jews, because they made all kinds of rules about good conduct but did not carry them out.

St. Paul had been a Pharisee, and no one had tried harder to be good by making good resolutions. But Paul found that he was failing in his search for the good life. He sums up his experience, which is the experience of all, in the famous words: "The good that I would I do not; but the evil which I would not, that I do" (Romans 7. 19). And then he goes on to utter the great and poignant cry: "Who shall deliver me..."

We shall keep our good resolutions only with the help, of Jesus.

O. R. C.

Out and About

ALTHOUGH we cannot notice much difference yet, the days have been lengthening since just before Christmas. In the first week of the New Year it is natural to think of winter ending and to look for signs of spring. This we must certainly do; but what about the signs of winter?

Here is another New Year thought, a reminder of the season. The calendar we use now was only adopted in this country in the middle of the eighteenth century. If we had been living before the year 1752 we should be looking forward to December 25 on the day we now call January 6.

MIDWINTER IS HERE

Old sayings about the weather make us think that a white Christmas used to be more common than it is now. But those old sayings really referred to what we now count as January days when snow is more likely. For our midwinter begins about now, though the kind climate often gives a spell of mild weather.

Most of the wild creatures find the next two months the most difficult owing to food being less plentiful, and sometimes really scarce. Many of them have gone into places of retreat where they can remain undisturbed without food.

They seem to be asleep but the state they are in is not the same as sleep. Animals which hibernate almost cease to breathe, and their heart slows down so much that the blood cools and the body keeps only just enough warmth for life.

ON SUNNY DAYS

This state of hibernation is often incomplete in our country unless the weather remains severely cold for a long time, which is rare. Some animals rouse themselves more easily than others. The little dormouse may not wake himself up after mid-December until early spring. But given a few mild and sunny days, the squirrel and the hedgehog will be on the move long enough to take a meal. Then, discovering that spring isn't here after all, they turn in, curl up in their holes and nests or pull up again the blanket of leaves over them. The hedgehog does this after taking a stroll to some muddy place where he will find snails to eat.

BEEES ON THE MOVE

At such times during the next two months one may see bats flying for a few hours, catching insects which have also come out because of the warmth. Both hive bees and the wild ones may be persuaded to leave the hive or nest to search for nectar in such flowers as are blooming. Woe to them if they are caught by a sudden freezing wind. They have to change back gradually to the torpid state in which the only food they need is the spare fat in their bodies.

When spring arrives you will find many creatures are thinner than they were in autumn.

C. D. D.



OUR HOMELAND

The Masonic Hall (left) and the Hall of Memory,
two of Birmingham's fine Buildings

NEW FILMS

In old Russia—and deep water



Audrey Hepburn as Natasha

ONE of the most famous novels in the world is Tolstoy's *War and Peace*, and now it has been made into a tremendous film.

The war in this case is Napoleon's invasion of Russia early in the nineteenth century, and the film shows some wonderful and interesting pictures (on the big VistaVision screen) of the celebrated battles of Austerlitz and Borodino.

It helps us to understand how these great struggles were fought when we can take such a wide view of the battlefield and see the cavalry and infantry coming into action in response to the orders of the generals whom we see conferring in their tents.

DOZENS OF CHARACTERS

Before this (in the "peace" part of the story) we have been introduced to some of the characters in Moscow, including the charming young Natasha (Audrey Hepburn).

She might be called the heroine, though the whole film, which lasts three and a half hours, is on such a huge scale that to pick anyone out as the "heroine" or the "hero" seems wrong. The theme of Tolstoy's great book was

summed up in the title. This is a story of war and peace, and Natasha is only one of the dozens of characters he chose to take part in demonstrating it.

We see her first when she is very young indeed, one of a happy family in Moscow. The whole city is full of rumours and excitement as news comes in of Napoleon's conquests.

Her friend is Pierre (Henry Fonda), an earnest young man who hates war. Later he is to be seen as a spectator on the battlefield at Borodino, for those were the days when outsiders could still wander unchallenged—and without much personal

danger—onto a battlefield.

Still later, when he is one of the few young people still left in Moscow because nearly all the inhabitants have left at the threat of Napoleon's invasion, Pierre has an opportunity to assassinate the French emperor. But when it comes to the point, he finds that he cannot kill a man in cold blood.

There are dozens of other characters (one you are sure to remember is the sly old general Kutuzov, played by Oscar Homolka), and there is so much in the film that it would take pages of the CN to describe it.

There are great ball scenes, for instance, and one of the most impressive sequences of all is that of Napoleon's disastrous retreat from Moscow through the snow. The surprising thing is not

that the film is so long, but that so much of the great book has been included without making it longer.

ANOTHER very striking new film is called *The Silent World*. This is full of the most fascinating coloured pictures of the underwater life deep beneath the Mediterranean, the Red Sea, and the Indian Ocean. It was made by Jacques-Yves Cousteau, the French scientist. Wearing Aqua-lung equipment (he was one of the inventors of it), he and the members of his expedition swim about deep underwater and take such photographs as were never possible before.

Here again one can only mention a fraction of the remarkable things in the film, but everybody will remember the huge grouper fish—they named him Ulysses—who became as tame as a dog and swam up to be stroked.

(Eventually he became a bit of a nuisance, constantly swimming in front of the cameras as the divers were endeavouring to photograph other fish.)



Herbert Lom, as Napoleon, on the battlefield

Another wonder is that the underwater world is not really silent, after all. We hear the sound of a wrecked ship's bell tolling with the movement of the sea; a whale making squeaking noises like a mouse; and porpoises that sound like birds.

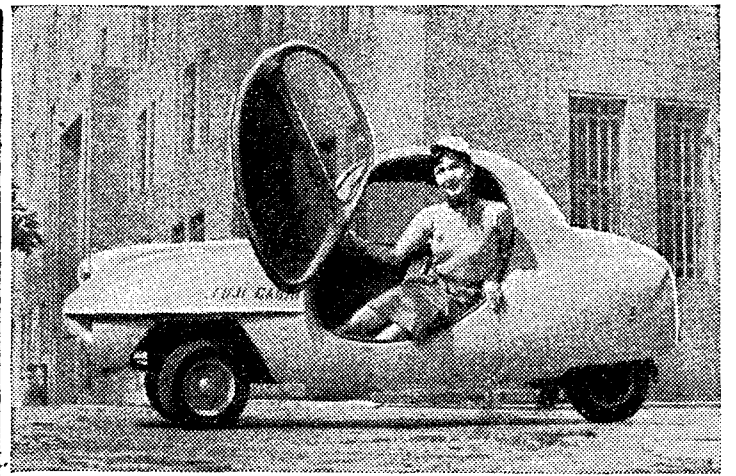
Every moment of this fascinating film shows us something interesting.

CADET AUTHOR

Some 250 hours of voluntary service have led to high honours for Nursing Cadet Sally Groves of Bristol. Sally, aged 14, has been awarded the coveted Author's Cup, 1956, for her entry in the National St. John Cadet Arts Competition.

She wrote a story called *The Stranger*, inspired by her voluntary work at the Downend Babies' Home, near Bristol. It won the cup which, for the first time since 1948, has gone to a cadet in the Western Region.

Sally is a member of the Westbury Division of St. John Ambulance Brigade.



Scooter of the future

A Tokyo concern has brought out this three-wheel cabin scooter built of plastic. It has a five horse-power engine and a top speed of 37 miles an hour.

IT HAPPENED THIS WEEK—JANUARY 1, 1901

NEW COMMONWEALTH CELEBRATES

SYDNEY—This city, one of the youngest in our Empire but the oldest in Australia, is tonight a fairyland of glittering lights.

Thousands of people have crossed the harbour to climb the hills on the north shore and look across the water at the spectacle. The outlines of every building and spire, the courses of the streets, and the masts and rigging of every ship in the harbour are vividly etched in a million lights.

In the city itself crowds are wandering through the streets, and a dense throng is gathered outside the Post Office where the words "God Save the Queen" and "Welcome to our Governor-General" are spelled out in lights around a big map of Australia, across which blazes the single word "United."

HISTORIC DAY

It is the end of a historic day. The great island continent which only 115 years ago was a penal settlement for transported convicts today became a united Commonwealth.

Today's festival has been marked with colourful ceremony. Lord Hope, Earl of Hopetoun, the Scotsman who was for six years Governor of Victoria, took the oath as first Governor-General of the Commonwealth of Australia in an arched pavilion built for the occasion in Centennial Park.

Lord Hope, who was received with scenes of enthusiasm when he arrived in Sydney a fortnight ago to take up his post as representative of the Queen-Emress, rode at today's ceremony in a state carriage in a two-mile-long procession which included soldiers from every part of the Empire.

The streets of the city were decorated with triumphal arches. Some of these represented Australian industries. One, for instance, was built of coal and had miners standing in niches like statues. Other arches were built of wool and corn. The German community of Australia had put up an arch as the German Empire's greeting to the new Commonwealth. It was surmounted by an immense German eagle.

Tall masts were draped with

Lord Hope's colours, blue and gold, and in Queen's Square 18 columns were supported by carved lions.

Loud cheers greeted the appearance in the procession of the Hon. Edmund Barton, to whom has fallen the honour of being the first Prime Minister of the new Commonwealth. It is six years since he persuaded the premiers of the Australian States to confer at Hobart and set in motion the plan for their federation into a united Commonwealth.

CHOIR OF TEN THOUSAND

He was in London last year when the Commonwealth of Australia Bill was piloted through the imperial Parliament.

In July a proclamation declared that on and after January 1, 1901, the people of New South Wales, Victoria, South Australia, Queensland, Tasmania, and West Australia would be united in a federal Commonwealth.

After Lord Hope had read messages from the Queen-Emress and the Government a 19-gun salute was fired. Ten thousand children from the school sang the hymn *Australia Fair*.

Tonight a thousand guests are attending a brilliant state banquet in the Town Hall.

NEW DREDGER AT SUEZ

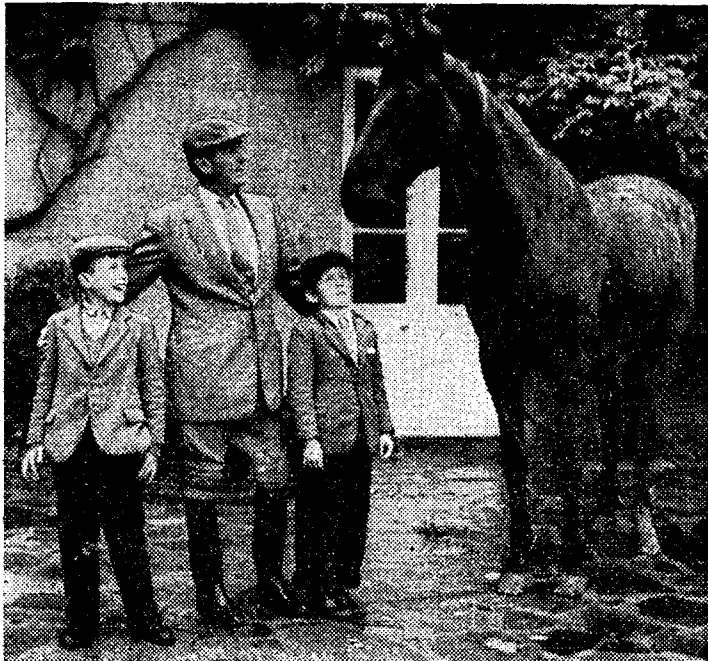
SUEZ—One of three new giant hydraulic dredgers built in England is being tested in the Suez Canal. The three dredgers, which mark a distinct advance on any dredger built in any part of the world, were constructed in Newcastle for the Queensland government, and the designer suggested that en route one of them might be delayed in the canal and tried out there.

MR KIPLING'S NEW STORY

LONDON—Advertisements today announce that a new story of Mr. Rudyard Kipling begins as a serial in the January edition of Cassell's Magazine. Its title is *Kim*, and it is described as a story of Anglo-Indian life and character. An interesting feature is that some of the illustrations are the work of the author's father.



Panic spreads through the streets of Moscow as people hear of Napoleon's victorious advance on the city



Veteran in retirement

Foxhunter; that grand old show-jumper and Olympic gold medal winner, is now 16 and in well-earned retirement at Llanvair Grange near Abergavenny. Lt.-Col. Harry Llewellyn, Foxhunter's owner, seen here with his sons David and Roderic, still rides the old horse and sometimes puts him over a gate just for old times' sake.

DIGGING UP THE PAST

Archaeology is a dull name for a fascinating subject. It is the science by which we learn how people lived in remote ages, and more and more young people are taking a practical interest in it.

They will find an absorbing account of it all in Agnes Allen's book, *The Story of Archaeology* (Faber and Faber, 15s.).

Until the first archaeologists began probing, in the 18th century, people had all sorts of fantastic notions about relics of the past. Flint implements, for example, were called "fairy arrows" or "elf-shot," and some thought they were a kind of thunderbolt. There were legends about the great standing stones, such as that they were "maidens turned to stone for dancing on Sunday."

The exciting story of how archaeologists slowly revealed

the truth about prehistoric relics throughout the world is told in this book in a fascinating way. Agnes Allen takes us to ancient Egypt and to Pompeii; she tells, among other things, how Arthur Evans in 1899 began digging up the lost Minoan civilisation of Crete; how another forgotten civilisation, the Mayan, was found by explorers in the Central American jungle; and how Sir Leonard Woolley excavated the city of Ur.

The story of archaeology is by no means finished. Agnes Allen points out that hidden away beneath our feet may be more wondrous palaces, lost civilisation, treasures, and mysteries. A thrilling suggestion indeed to inspire young people to roll up their sleeves, get a spade and—under proper guidance—start digging for history.

Jubilee in the Dart Valley

BUCKFAST ABBEY is celebrating its jubilee this week.

It was on January 5, 1907, that the first stone was laid, and then a little band of monks spent a quarter of a century in completing this noble building in the lovely valley of the Dart at Buckfastleigh.

Although Buckfast Abbey itself is of our own century, its foundation is over a thousand years old, for there are records which show that an abbey existed on this site before Alfred was king.

It suffered badly at the hands of Saxon and Dane, but by the time the Normans came St. Mary's Abbey at Buckfast was well established, for details of it are recorded in the Domesday Book. It grew and prospered until Henry VIII dissolved the monasteries, when it was demolished and the stones were left to crumble with the passing centuries.

CAME A VISION

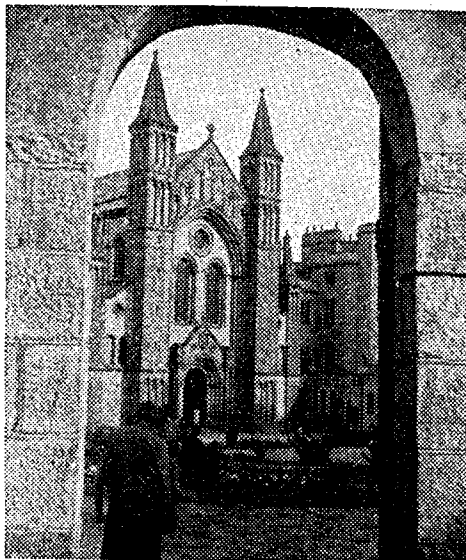
Then in 1882 a community of Benedictine monks, exiled to Ireland from their native France, came to Devon to make the derelict abbey their home. Their first abbot was unhappily drowned on a voyage to the Argentine. It was to the second abbot, Father Anscar Vonier, only 30 years of age, that there came a vision of a new and splendid abbey rising on the site of the old one.

Abbot Vonier had not the means to pay for labour and material. But he had an old horse and cart and a qualified mason in one of

the monks, Brother Peter, and he set to work to build his abbey. Another monk was sent to Exeter to learn stone carving, while yet another was taught the arts of masonry under Brother Peter. On January 5, 1907, the first stone was laid, and for 25 years the monks, never more than six at work at a

child of the 20th century. It is 220 feet long and 62 feet wide, and is of grey limestone, relieved by the yellow stone of the windows, turrets, and other facings. Inside, walls and pillars are of the beautiful white stone from Bath, and they rise to the red sandstone of the vaulting, nearly 50 feet above the floor.

As one enters from the west door, the high altar, nine feet high and eleven feet wide, catches the eye, although it is 170 feet away. There are rich stained-glass windows, wonderfully carved figures, a fine font, the great candlestick, and the mighty corona with its 60 lights, a copy of the superb chandelier given by the twelfth-century Holy Roman emperor, Frederick Barbarossa, to the cathedral at Aix-la-Chapelle. All are treasures of our time.



Buckfast Abbey, from a corner of the grounds.

time, laboured until their task was done. On August 25, 1932, St. Mary's Abbey Church at Buckfast was consecrated, and Abbot Vonier had seen his dream come true. (The tower was finished later.)

The Abbey is built in the Early English style of the late twelfth century, and from its appearance it is hard to believe that it is a

Buckfast Abbey is but 50 years old, yet it is a jewel already, and one that will grace the lovely green valley of the Dart for ever. In St. Paul's Cathedral it is written of Sir Christopher Wren that if you would seek his monument, look around you.

The epitaph is no less true of Abbot Vonier and his little band of Brothers.

GIANT CATFISH

A 52-inch catfish weighing 324 lb. was caught the other day in a lake at Claydon Park, near Winslow, Buckinghamshire, by Mr. Robert Haynes, who lives at Bletchley.

Returned to the water after it had been weighed, the fish was probably one of the ten which were transferred to Claydon in 1951 from the Duke of Bedford's lakes at Woburn Park.

TEA TOTALS

Some interesting figures about tea have been published in India, the world's biggest producer.

She has no fewer than 774,600 acres, mainly in Assam and West Bengal, given over to tea growing. Ceylon comes next with 574,250 acres, and then Indonesia, Japan, and Pakistan. Indian people themselves consume 175 million of the nearly 589 million pounds which they produce.

SOME PEOPLE ARE NEVER SATISFIED

When one of its planes recently flew the 192 miles from Dubbo to Sydney in the record time of 24 minutes, an Australian airline expected passengers to be delighted. Instead a letter of complaint was received from one of them.

He said he had ordered refreshments on the way, but had not had time to finish them.

DEERSLAYER—new picture-version of Fenimore Cooper's famous frontier yarn (5)



The Indians sent Hetty back with a youth on a clumsy raft, and the cunning suggestion that her friends should send canoes so that the Indians could all "come to church" at Muskrat Castle. Deerslayer knew that was only a ruse for capturing the lake stronghold, the Indians' raft being unsuitable for an attack. Meanwhile, Judith had found among her father's possessions some valuable ivory chessmen.



Deerslayer offered one of the chessmen, a carved elephant, as a ransom for Hutter and Harry. The youth who had come with Hetty was entranced by this strange and beautiful object, unlike anything he had ever seen. Obviously he wanted to make it his own.



The young Indian returned to his tribe with such glowing descriptions of "the wonderful animal with two tails," that Indian envoys came to Muskrat Castle to discuss the ransom. They, too, could not conceal their admiration of the chessmen. After much haggling it was agreed that the captives should be returned for four pieces. Hutter and Harry were brought back on the raft, and the Redskins given their chessmen.



Hetty had given Big Serpent—Deerslayer's friend—a message from his sweetheart, Wah-ta-Wah, saying that she would meet him at a point on the lake shore when the evening star rose. It was to rescue the girl that he had come here. After dark, he and Deerslayer set out for the rendezvous. But Wah-ta-Wah was not there. Big Serpent would not leave the place, but Deerslayer paddled quietly round to where he could watch the Iroquois camp without being seen. He guessed that the girl was now closely guarded.

Can Big Serpent and Deerslayer rescue the Indian girl from the Iroquois? See next week's instalment

DRAMA ON THE RIVER

CHASE THE CONWAYS

by Geoffrey Morgan

Cabin boy Roger Lawton has stumbled on a plot to kidnap the young Prince of Ethiania, and the plotters falsely accuse him of mutiny. Jerry and Jane Conway hide him aboard their uncle's yacht at Eastfleet, and Jane remains to keep watch while Jerry returns to London to help Skipper Amos bring his sailing barge back to Eastfleet. They return to find the yacht's dinghy adrift and Jane and Roger missing. Amos is sure the kidnappers have taken them away, and decides to go to the police.

12. First clues

EASTFLEET had that peaceful early morning look about it that Jerry always associated with lazy summer sailing days; but there was no peace in his mind as he and Amos came ashore and tied up the boats at the yacht club jetty.

The tiny place appeared as deserted as the river. The daily routine had not yet begun at the small boatyard. The clubhouse stood silent and aloof on its timbered piers over the tideline, and the blinds were still drawn in the creeper-covered cottage at the end of Shore Lane.

Plan of campaign

"You said Jane was going to spend the nights at Mrs. Hartman's cottage?" Amos queried as they stood for a moment on the jetty.

"Yes, that was her idea," Jerry nodded. "During the day she was going to get the provisions—you know, milk, bread, and stuff—and smuggle them out to the Maridella."

Amos grunted and walked up the jetty.

"I'll go on to Manningbury now," he decided. "I should catch the early morning bus at the end of the lane. I'll see Mrs. Hartman and then go to the police. I think you'd better hang on here until someone's about—see what information you can pick up."

"Right-ho, Amos," Jerry assented. "I'll question everyone." He glanced over at the clubhouse. "And I'll start with George Wheeler, the club steward. He must have seen Jane around."

Talk with George

As soon as Amos had gone Jerry crossed to the tradesmen's entrance of the club. He opened the door and walked down the passage straight into the steward's living quarters. George was finishing his breakfast, and did not appear surprised at being interrupted by the early caller.

"Good-morning, Jerry!" he greeted him cheerfully. "I saw the scene on the river when you came up just now. I was coming out to see what had happened as soon as you got ashore, but I didn't see you come in." He

pointed to a few black pieces of bacon on his plate. "Had to dash back here—my bacon was burning," he added, with a grin.

"You saw me towing the dinghy?"

"Yes. I saw the Mirelda come up first and drop the hook. Then you came pulling along towing a dinghy." He scratched his head in perplexity. "What was going on? Was it salvage?"

"Yes," Jerry returned quietly. "My uncle's dinghy. We found it upside down on the mud about a mile down river. I came to ask if you'd seen Jane?"

George Wheeler was shocked.



The manager opened a file on his desk

He stared at his visitor incredulously.

"D'you mean you think Jane was in it?" he asked. "That she was sailing—and capsized?"

Jerry hesitated for a moment, then he said firmly:

"No. Skipper Amos and I don't think so. We think it was made to look that way."

George appeared even more incredulous.

"What is this?" he demanded. "What's happened?"

Offer of help

"There's no time to explain everything now," Jerry returned apologetically. "But if you'll tell me all you can without asking questions, it'll help tremendously. You'll know all about it soon enough. The skipper will probably tell you when he gets back."

"Where is he now?"

"Gone to see the police."

"The police!" George stirred his coffee unconsciously. "The police!" he muttered darkly. "Then there's some awful trouble —" He checked himself, suddenly realising that his questions were unhelpful. He pulled out a chair and picked up the coffee pot. "Well, sit down, Jerry. Have some coffee. Tell me how I can help."

"No, thanks, George. I won't stop for coffee. I've got to find out what went on here yesterday or the day before."

"Well, I was away yesterday. My day off," George explained.

"When did you last see Jane?"

"The day before yesterday."

"Where was she?"

"She called in here. Afternoon, it was. I think she was going out in the sailing dinghy."

"You say she called here?" repeated Jerry, a little surprised. "What for?"

George stroked his chin reflectively.

"Well, I don't rightly know, to be sure, unless—" He stared levelly at his visitor. "Unless it was really to ask me about the cruiser."

"Cruiser?" Jerry was suddenly tense and eager.

"Yes. Maybe that was it. She was lying astern of the Maridella. I didn't see her come up, so I don't know when she dropped anchor. But Jane asked me if I knew the boat. I put the glasses on her and recognised the star on her bows. I told Jane she was a charter boat from the Silver Star fleet. Least, that's what I thought." He paused, frowning. "I didn't see anyone come ashore from her," he continued slowly. "And I didn't see Jane again after that. But I believe she went off in the dinghy."

Possible answer?

Jerry realised that this could be the answer. This could explain the disappearance of both his cousin and Roger. He could now understand how the dinghy came to be tipped on the mud down the estuary. She could have been towed down at night by the cruiser.

Jerry leaned forward and spoke quickly.

"Look, George, the name of that charter fleet sounds familiar. I must have seen their boats around. But where is the firm exactly? D'you know?"

"No, but we can soon find out. Bound to advertise in the yachting journals." He got up. "Come up to the library."

Jerry followed him to the first floor of the club and into the small but well-stocked library, and within a few seconds the steward was pointing out the address of the charter firm in the advertisement section at the back of one of the magazines.

"There you are," he said. "Silver Star Charter Fleet. At Felham on the Colne."

On the trail

Jerry thanked him, asked him to tell Amos he had gone over to Felham and would return as quickly as possible, and then he hurried from the club.

After a roundabout journey Jerry reached the little fishing village at lunch-time. He found the office and yard of the charter firm and paced about impatiently until the staff returned from lunch. Then he went into the office and saw the manager.

"I wonder if you could help me?" Jerry began diffidently. "I'm

Continued on page 11

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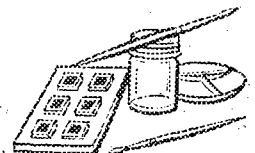
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Cape Road, Seaton, Workington, England

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S. W. SALMON (C22),

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SPORTS SHORTS

MICHAEL WHEELER, 21-year-old quarter-mile runner, has decided to quit top-class competitive athletics. His many duties as a schoolmaster in Bournemouth prevent him from training as much as he would like. His decision means a serious loss to British athletics, for Mike Wheeler was just reaching his peak.

THE 1956-57 F.A. Cup competition starts in earnest on Saturday, when the Third Round ties will be played. In this round all the leading League teams will be competing.

NEXT weekend Harringay Racers leave for a 20-day Continental ice-hockey tour. They are to play ten matches in Czechoslovakia, West Germany, Switzerland, and Holland.

TWENTY-TWO of England's outstanding young footballers will be playing at St. Andrew's, headquarters of Birmingham City, on Saturday, in a trial match, prior to the selection of the England Youth team to meet Wales next month. Many of these youthful amateurs are former schoolboy internationals.

No danger

FROM the F.A. News comes this information about a decision given in 1907: In answer to Berks and Bucks F.A., the Council decided that there could be no objection to a player with a wooden leg taking part in the game, provided he did not play in a manner dangerous to his opponents.

ITALIAN T.T. motor cycles may be ridden almost exclusively next summer by British and Commonwealth riders, for Bob McIntyre, from Glasgow, has joined former world champion Geoff Duke with the Gilera team, and Australian Ken Kavanagh will ride with John Surtees for MV Augusta. Moto Guzzi will have Bill Lomas, 350 c.c. world champion for the past two years, and Dickie Dale.

New umpires

PAUL GIBB, who won his cricket Blue at Cambridge, then assisted Yorkshire as an amateur before becoming a professional with Essex, has been elected to the first-class umpires' list for the coming season. He is the first Blue to wear the white coat officially, and the first member of the M.C.C. to become a first-class umpire. Other former County cricket favourites who will don the white coat next season are Jack Crapp (Gloucestershire), Winston Place (Lancashire), A. R. Coleman (Leicestershire), and Norman Oldfield (Northants).

THE South African Combined Universities' Rugby XV touring in England have been delighting us with their play. They for their part have been looking at the teams who delight them. At the end of their stay in England the tourists will present their mascot, a mounted Springbok head, to the opponents who played the most attractive Rugby.

THE British Olympic road-race cyclists, who won the silver medal at Melbourne, have been chosen to represent Britain in the Prague-Berlin-Warsaw marathon next May. The team comprises Alan Jackson, Billy Holmes, Stan Brittain, and Harry Reynolds. They will be training together from now until the 1200-mile race, one of the most important amateur road events in the cycling calendar.

A happy old year



In the past twelve months 14-year-old John Hughes from Leyton, Essex, has played soccer and cricket with such success that he has been given a Boy of the Year cup by his headmaster. He was opening bat in the North v. South schools match, had a trial for Essex C.C.C., and played football for the Leyton schools team.

EDDIE HOPKINSON was Bolton Wanderers' fifth-choice goalkeeper when the present season opened, but owing to injuries to the clubs' other goalkeepers, and the fact that Ken Grieves was still on cricket duty with Lancashire, this 20-year-old player was given his chance in the Football League XI. Not only did he retain the position, but he is now one of the most promising young goalkeepers in the country.

THE South African squash rackets team to tour this country will play the first of three Test matches against Great Britain at the Lansdowne Club, London, this Wednesday. For the next few weeks the tourists have a big programme, including games against England, Scotland, Wales, the North of England, and Combined Services.

Defending their titles

AT Wimbledon this week 18-year-old Heather Ward is attempting to set up a badminton record which is unlikely to be equalled for many years. She is defending the British Junior Championship which she has won for the past three years. Heather is not only our best junior, but among the three best senior players, and will represent England in the Uber Cup match against Denmark.

Another young star defending her title this week is Christine Truman. She will be playing in the British Junior covered courts championship at Queen's Club, London. Like Heather Ward, she is an outstanding favourite to carry off the title.

The Children's Newspaper, January 5, 1957

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BLOCK LETTERS PLEASE

WHEN replying to stamp advertisements please tell your parents.

WHY, WHO, AND WHEN

"PLEASE, Daddy," said Christopher, "Tell me why—The stars stay up there in the sky?"

Daddy looked up from his book with a frown; "I suppose," he said, "cause they don't fall down!"

"Please, Daddy," said Christopher, "Tell me who—Tells Mummies and Daddies what they should do?"

"Well," said Daddy, "it seems to me, I tell your Mummie, then she tells me!"

"Please, Daddy," said Christopher, "Tell me when—Boys stop being boys, and start being men?"

Daddy smiled down at his youngest son, "According to law—when you're twenty-one!"

But to ordinary folk like Mummie and I, You can be one now, Laddie . . . if you try."

SPOT THE . . .

BLUE-TIT as he flits about the garden. This pretty little bird is among the commonest of our tit-mice. His underparts are a primrose - yellow, and above he is a mixture of greyish-blue and green. He wears a smart blue cap, while his cheeks are white.



It is worth while hanging a piece of coconut or fat in the garden. You will be well rewarded by the bird's astonishing display of acrobatics as he feeds.

In many districts blue-tits make a habit of pecking holes in the top on a milk bottle and sampling the cream. To prevent this cheeky robbery, some people place egg-cups on the tops of the milk bottles.

PANTOMIME PUZZLE

REARRANGE the following words and pair them off with the correct pantomime characters:

LWFO, MLPA, LSPEIR, EABSKTNLA, TCA, LWLA, EBRSA, CINDERELLA AND—, RED RIDING HOOD AND—, JACK AND—, DICK WHITTINGTON AND—, ALADDIN AND—, HUMPTY DUMPTY AND—, GOLDILOCKS AND—

MUDDLED PROVERBS

Can you say them correctly?

SILENCE—is the best policy.
Never look—before you leap.
The early bird—is worth two in the bush.
Honesty—is golden.
Look—a gift-horse in the mouth.
A bird in the hand—catches the worm.

The answers to these puzzles are given in column 5

FATHER JACKO ANSWERS A RING AT THE DOOR



BEDTIME TALE

LEAVING IT TO GEORGE

SINCE autumn the finch families had been roaming the countryside in one large flock. The older greenfinches and goldfinches, yellowhammers and tree sparrows, who had lived through other autumns and winters, of course knew the ways of flock life. But none knew them better than George, the oldest greenfinch.

He saw to it that the youngsters of this year obeyed the guard birds feeding on the edge of the flock and followed them immediately one gave the alarm.

He knew which stubble fields and which rough pastures to visit.

And so, when one January morning the flock looked out from its roost in the holly thicket and saw field and hedgerow covered with snow, the youngsters cried anxiously: "Where shall we find food now?"

But the older birds said: "Leave it to George."

George led them to a gate, then fluttered round puzzled. He knew that Farmer George had always put corn ricks here, which had given food and shelter to the flock in bad weather before. But this year there were no ricks.

Maybe he has put the ricks in the stackyard by the farm, thought George, remembering visits there, too. And off he led them again.

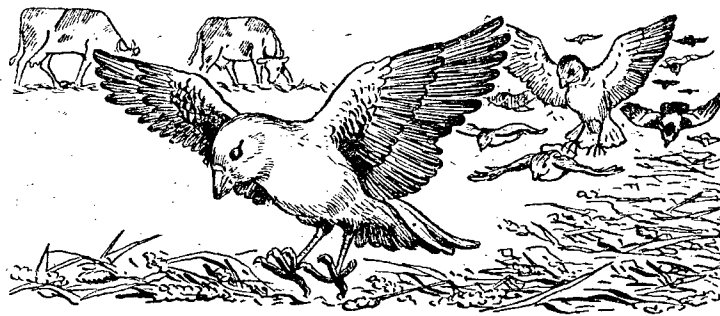
But, alas for the birds! This year Farmer George had cut and thrashed and sacked his corn on the field with the combine harvester. Now it was stored in his closed barn.

Suddenly across the silent fields George heard mooing.

"Come on," he twittered excitedly.

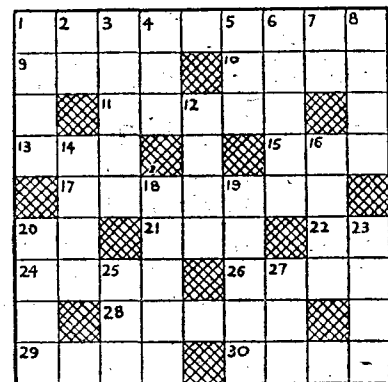
And soon the flock were pecking happily among the hay Farmer George always fed to his cattle out in the fields in bad weather.

JANE THORNICROFT



WHAT AM I?

My first is in able but not in can,
My second's in kettle but not in pan,
My third is in poem and also in rhyme,
My fourth is in clock but not in time,
My last is in rain but not in shower,
My whole is a fruit—with a taste that is sour.



TANGLED TOWNS

DISENTANGLE each jumbled syllable given here, add -ford, and you will have a town that you can locate on your map of England.

ASE, TREH, FATS, DRAB, HEER, TER, GLUDI.

CATCH QUESTION

WHAT has a tongue but no mouth?

Crossword puzzle

READING ACROSS. 1 Reflects. 9 Musical instrument. 10 Unfasten. 11 Headgear. 13 Snake-like fish. 15 Newt. 17 Regret. 20 For example. 21 Showed the way. 22 Territorial Army. 24 Girl's name. 26 Ajar. 28 Follow. 29 Pinches. 30 Full-grown male sheep.

READING DOWN. 1 Centre. 2 Outside Broadcasts. 3 Distinguished. 4 Observe. 5 Owing. 6 Go in. 7 Refer to Drawer. 8 Class or species. 12 Regulation. 14 Rim. 16 Festival. 18 Diagrams. 19 Smell. 20 Smooth. 23 Busy insects. 25 Representative. 27 With others, it grows in a pod.

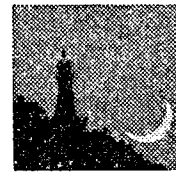
Answer next week

TO WHILE AWAY AN HOUR
SEE how many groups of letters you can arrange so that their sound makes words. Like this:

S A - Essay
I C A Q - I see a queue
K T - Katie
Y R U M T - Why are you empty?
I C A B - I see a bee.

OTHER WORLDS

IN the evening Mars is in the south. In the morning Venus and Saturn are in the south-east and Jupiter is in the south. The picture shows the Moon at eight p.m. on Friday, January 4.



WHAT'S THAT?

"LET's go bird-spotting this afternoon,
Just for fun we'll go,
What's that? And that?
And that and that?
I wonder if we shall know."

FRIEND IN THE HALL

WE have a grand old friend at home,
Respected by us all.
With cheery voice he speeds us
As we go out through the hall.
Oh, why is he so modest?
We would never run him down.
His good works are quite famous—
Known to many in the town.
Is it just his shyness
Keeps his hands before his face?
He is not bold or noisy,
As we might be in his place.
He is happy in his corner
And his sweet tick-tock, tick-tock
Comes from one who's loved by
all of us
Our old grandfather clock!

SAMMY SIMPLE

SAMMY was feeling pleased with himself. A book he had bought had been reduced from 5s. to 2s. 6d. "I got it for nothing," he explained to Mother. "How do you work that out?" she asked.

"Well, I saved 2s. 6d. on it, so I paid for it with the money I saved."

QUIZ CORNER ANSWERS

1. Poland.
2. Stockholm, Sweden.
3. Mr. Richard M. Nixon.
4. Coniston Water, Lake District (225.6 m.p.h.).
5. 103 miles (including approach channels) running north and south.
6. Premium Savings Bond.

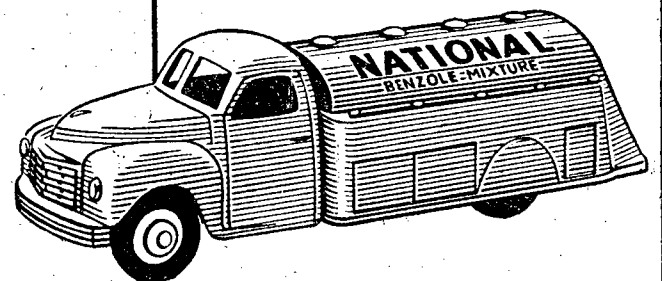
ANSWERS TO PUZZLES

Pantomime puzzle. Slipper, wolf, beanstalk, cat, lamp, wall, bears.
Muddled proverbs. Silence is golden: Never look a gift-horse in the mouth; The early bird catches the worm; Honesty is the best policy; Look before you leap; A bird in the hand is worth two in the bush.
What am I? Lemon.
Tangled towns. Seaford, Hertford, Stafford, Bradford, Hereford, Retford, Guildford.
Catch question. A shoe.

New this month!

DINKY TOYS NO. 443

Tanker
"National Benzole"



In its latest finish of chrome yellow with the name 'National Benzole Mixture' in black on the sides, this popular model of a Studebaker road tanker will make a colourful addition to any boy's miniature transport fleet.

Length 4 3/8" Price 2/9d. (inc. tax)

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DINKY TOYS

MADE IN ENGLAND BY MECCANO LTD., BINNS RD., LIVERPOOL 13.

Never give a ball to a hippo

THE sudden death of the Zoo's 2½-ton hippopotamus Daisy, brought about by swallowing a tennis ball, is causing concern to the authorities. For the case is by no means the first of its kind, a Zoo official tells me. Melbourne Zoo once lost a valuable hippo in exactly the same way, and a similar death was reported some time ago at the Cincinnati Zoo,

Bear baby



Charles Lagus, cameraman of BBC's Zoo Quest, made a present of this youngster to the Bristol Zoo. His name is Benji and he is a Malayan Sun Bear.

puzzled entomologists. It seems to be purely a decorative feature. The beetle is feeding well so far, on fruit and sugary sweets, and we hope to have it on exhibition shortly."

Another grotesque-looking new arrival can be seen at the reptile house laboratory. This is a two-tailed tropical lizard, sent as a gift from Mr. Maxwell Knight, the well-known naturalist. The lizard, an Argus gecko, was found among straw in the fruit market at Reading.

NO HANDICAP

"It is a type found normally in Jamaica," said an official. "The double tail is an indication that it has at some time in its past received an injury which all but took off the original tail. To compensate, the gecko grew a new tail. But instead of being shed, the original tail joined up again. The gecko will no doubt carry them for the rest of its life."

The "two-tailed gecko" is feeding well at present, on fruit-flies. It chases after the flies at great speed, and the cumbersome-looking two tails do not appear to handicap it at all.

CRAVEN HILL

CHASE THE CONWAYS

Continued from page 9

trying to trace somebody who I believe has chartered one of your boats."

The manager opened a file on his desk.

"What name?" he asked.

"I don't know the name of the charterer," he replied truthfully, "but I believe my cousin is on board. I just wanted to find out where they were."

"I see." There was a puzzled note in the man's voice, but he asked no questions. "You're very vague, but as our season is really over now, I can tell you. We've only one boat on charter, and that was hired two days ago by a gentleman named Mr. Halisan."

Jerry concealed his excitement. "You don't know where he was going, I suppose?"

"I understood he was cruising about locally. Wanted to make a

study of the wild fowl." The manager smiled. "It's no business of ours, of course, what our clients do so long as they take care of our boats. The only guess I can make," he reflected, "is that he's probably somewhere between here and the Deben, but there was one particular place he seemed interested in."

Jerry said nothing, but waited hopefully.

"Our boats are equipped with the normal charts for this area and the Channel, but Mr. Halisan was anxious to have a large scale chart of the Walton Backwaters."

Half an hour later Jerry left Felham convinced he had solved one anxious problem—the whereabouts of Jane and Roger. He knew that Amos and himself must start their search among the creeks and marshes of the Walton Backwaters.

To be continued

LIGHTNING ARITHMETIC

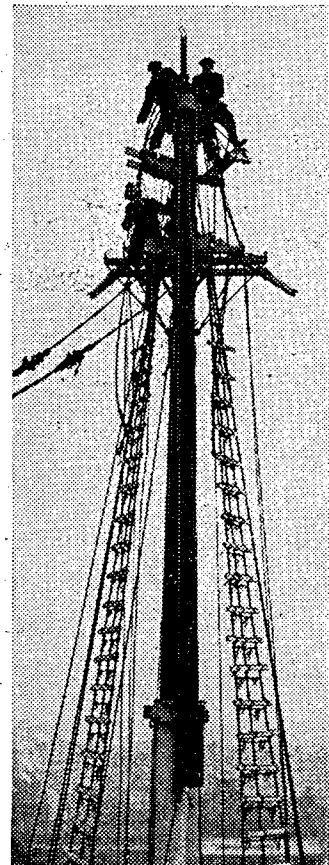
How long does it take to multiply 12 by 17? Well, it all depends on your capacity for sums, but it is done in about a hundredth of a second by a machine that can be seen at work in London's Science Museum during the Christmas holidays. It is a machine called an electronic multiplier, and has been lent by the British Tabulating Company.

The two numbers, 12 and 17, are punched as holes on a card in two

adjacent columns. The card is then put into the machine, which "reads" the numbers and punches the answer on the same card. It can deal with 600 cards a minute.

Next to this lightning multiplier is the pilot version of the Automatic Computing Engine, which was recently transferred to the Science Museum from the National Physical Laboratory. Though only six years old, this machine is already obsolete!

On top of their job



High above the houses of Greenwich, riggers are fitting stays and shrouds to the mizzen mast of Cutty Sark, most famous of the Clippers. Her last berth, a dry one by the Thames side, is being provided with a tree-lined approach while the interior is to be restored as far as possible to its original appearance.

U.S.A. In future, therefore, hippopotamus keepers at the London Zoo will keep a very sharp watch on young visitors producing a tennis ball.

"The cause is nearly always accidental," said the official. "Usually the ball gets into the hippo's food and is swallowed with it. The hippo, too, is fond of standing at the water's edge with its huge mouth invitingly open, and sometimes proves an irresistible target to any small boy with a ball in his pocket. He tosses the ball right into the back of the hippo's throat and it is swallowed."

BETTER BY B.O.A.C.

A very fine rhinoceros-beetle has reached the menagerie by chance from B.O.A.C. air terminal. The beetle was given by a passenger from Africa to a cleaner at the terminal. He took it to the Security Officer, who phoned the Zoo to ask if they would be interested in it.

"We sent Keeper Hedges of the insect house to get it," Mr. George Ashby, the overseer, told me, "and we now have the beetle under special care in the laboratory."

The beetle is one of the largest of its kind we have ever had, and is a remarkable-looking creature. It measures nearly three inches and has a shiny black body which looks as bright as a newly-polished shoe.

"It's most striking feature, however, is the long horn which it carries, rhinoceros-fashion, on its head. What its purpose is has long

1,000 CADBURY TASTERS WANTED

To eat and report on chocolates every month

Official Chocolate Tasters are very important people;
from their reports Cadburys can judge
which flavours are the most popular

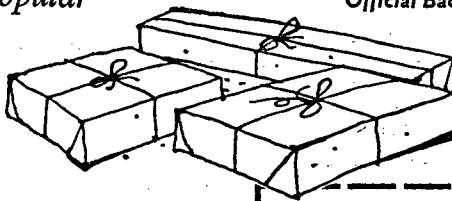
How to become a Cadbury Taster

On the coupon are pictures of three chocolates numbered 1, 2 and 3, with unusual fruit creme centres. If Cadburys were to make these three chocolates, which would you like best?

In the spaces shown on the coupon write the numbers of the chocolates in the order you would place them. Next suggest a good name for the chocolate you would like best. Then fill in your name, age and address, cut round the dotted line and send the completed coupon, together with any Cadbury label, in a sealed envelope (postage 2½d.) to 'Tasters', Cadbury Bros. Ltd., Dept. 23, Bournville, Birmingham, to reach Cadburys by January 21st.

If the chocolate you like best is the one chosen by the majority of entrants, and if your suggested name for the chocolate is judged to be a good one, you will be officially appointed a Cadbury Taster. You will receive the Cadbury Taster Badge and the first of six monthly selections of Cadbury's Chocolate. If you are not one of the lucky 1,000 this month, you will have another chance next month to become a Cadbury Taster.

Your friends will recognize you as a Cadbury Taster by your Official Badge



1 LOGANBERRY

2 GOOSEBERRY

3 BLACKCURRANT

The chocolate I would like best is

No.

SURNAME

My second choice is

No.

CHRISTIAN NAMES

My third choice is

No.

ADDRESS

The name I suggest for

No.

AGE

Only boys and girls under 16 living in Great Britain or Northern Ireland can be Cadbury Tasters